Volume 21 1997

No. 1 1 – 66 issued in March 1997
No. 2 67 – 144 issued in May 1997
No. 3 145 – 210 issued in July 1997
No. 4 211 – 282 issued in September 1997
No. 5 283 – 354 issued in November 1997
No. 6 355 – 418 issued in December 1997

Author index

Page

A

Abe K → Kakiuchi M
Aguilera L → Artime V
Aho AJ → Laitinen M
Aissaoui F → Simon P
Akiyama M → Ozaki T
Albareda Albareda J → Sánchez Gimeno M
Alnot JY, Apredoaei C, Frot B: Resection of the proximal row of the carpus. A review of 45 cases 145
Al-Sebai W → Al-Zarahini S
Al-Zarahini S, Franceschi J-P, Coste J, Zerroug B, Al-Sebai W: Anterior cruciate ligament reconstruction by mini-arthrotomy 161
Amorena B → Gracia E
Anagnostopoulos D → Sferopoulos NK
Andersen MB → Wedderkopp N
Andersen-Ranberg F → Wedderkopp N
Ando M → Kawahara H
Andrini L → Pazzaglia UE
Anglès FC → Angles FG
Angles FG, Manubens XB, Anglès FC: A surgical technique for lengthening tight hamstring muscles in patients with low back pain..... 52
Annen S → Baba H
Anract Ph → Cottias P
Aoki M → Matsui H
Apelqvist J → Eneroth M
Apredoaei C → Alnot JY
Artime V, Ramos JC, Fernandez-Medina JM, de Luis MC, Aguilera L: Fracture of the neck of a femoral component in a total hip arthroplasty: a case report 56
Arvela V → Tuompo P
Atsuta Y → Muramoto T
Azuchi M → Baba H
Azuchi M → Kawahara H

B

Baba H → Kawahara H
Baba H → Wada M
Baba H, Uchida K, Wada M, Imura S, Kawahara N, Tomita K: Vertebral lesions associated with palmoplantar pustulosis 19
Baba H, Wada M, Annen S, Azuchi M, Imura S, Tomita T: The tarsal tunnel syndrome: evaluation of surgical results using multivariate analysis 67
Babin SR → Simon P
Baikousis A → Korovessis P
Bauduin G, Damas A, Medina JR, Dorantes F: Idiopathic scoliosis instrumentation using the Lea Plaza sublaminar frame. A preliminary report 383

Page

Beckers JMH → Bouwmeester SJM
Begaux F → Mathieu F
Behrens P → Bruns J
Bellemans J → Victor J
Benoit M-A, Mousset B, Delloye C, Bouillet R, Gillard J: Antibiotic-loaded plaster of Paris implants coated with polylactide-co-glycolide as a controlled release delivery system for the treatment of bone infections 403
Bernd L, Schiltenwolf M, Mau H, Schindele S: No indications for percutaneous lumbar discectomy? 164
Bo A → Wada M
Böhm P → Willms R
Böhm P, Scherer MA: Incorporation of devitalised autografts in dogs 283
Bonato M → Pazzaglia UE
Bonifacino R, Dogliani E, Craig PS: Albendazole treatment and serological follow-up in hydatid disease of bone 127
Bouillet R → Benoit M-A
Bouwmeester SJM, Beckers JMH, Kuijer R, Linden AJ van der, Bulstra SK: Long-term results of rib perichondrial grafts for repair of cartilage defects in the human knee 313
Briggs TWR → Schindler OS
Bruns J, Henning R, Behrens P: Arthrolysis of the shoulder for ruptures of the rotator cuff 157
Bulstra SK → Bouwmeester SJM
Bünger CE → Christensen FB

C

Canosa Sevillano R → Fernández-González J
Cardona Vernet JM → Sánchez Gimeno M
Carr AJ → Kiss J
Caspi I → Salai M
Chen W-S, Wang C-J, Eng H-L: Tuberculous arthritis of the elbow 367
Christensen FB, Bünger CE: Retrograde ejaculation after retroperitoneal lower lumbar interbody fusion 176
Cinotti G, Postacchini F, Fassari F, Urso S: Predisposing factors in degenerative spondylolisthesis. A radiographic and CT study..... 337
Conchello P → Gracia E
Cordey J → Mainil-Varlet P
Coste J → Al-Zarahini S
Cotta H → Reiter A
Cottias P, Tomeno B, Anract Ph, Vinh TS, Forest M: Subacute osteomyelitis presenting as a bone tumour. A review of 21 cases 243
Craig PS → Bonifacino R
Culleton G → Eskander MBF

Page

D

Dai L, Jia L: Acute central cervical cord injury presenting with only upper extremity involvement 380
Damas A → Bauduin G
Delloye C → Benoit M-A
Di Nucci A → Pazzaglia UE
Dogliani E → Bonifacino R
Dorantes F → Bauduin G
Durán L → López-Durán L

E

Eingartner C, Volkmann R, Pütz M, Weller S: Uncemented revision stem for biological osteosynthesis in periprosthetic femoral fractures 25
Eneroth M, Apelqvist J, Larsson J, Persson BM: Improved wound healing in transtibial amputees receiving supplementary nutrition 104
Eng H-L → Chen W-S
Erceg M → Maričević
Eskander MBF, Limb D, Stone MH, Furlong AJ, Shardlow D, Stead D, Culleton G: Sequential mechanical and pharmacological thromboprophylaxis in the surgery of hip fractures. A pilot study 259

F

Fabry G → Victor J
Fassari F → Cinotti G
Fernandes JL → Vidigal EC Jr
Fernández A → Gracia E
Fernandez JJ → Sánchez Gimeno M
Fernández-González J, Canosa Sevillano R, García-Araujo C: Cementless total hip arthroplasty with a threaded acetabular cup 327
Fernandez-Medina JM → Artime V
Fokter SK, Vengust V: Displaced subcapital fracture of the hip in transient osteoporosis of pregnancy. A case report. 201
Forest M → Cottias P
Franceschi J-P → Al-Zarahini S
Frot B → Alnot JY
Fuentelsalz Gallego J → Sánchez Gimeno M
Furlong AJ → Eskander MBF

G

Gao TJ, Lindholm TS, Kommonen B, Ragni P, Paronzini A, Lindholm TC, Jalovaara P, Urist MR: The use of a coral composite implant containing bone morphogenetic protein to repair a segmental tibial defect in sheep 194
García-Araujo C → Fernández-González J
García-López A → López-Durán L
Gasparini G → Nizegorodcew T
Gekić K → Maričević A
Geraud HO → Simon P
Gilbert MS → González-Díaz R
Gillard J → Benoit M-A
Gillies SA → Schindler OS
Gil-Orbezo F → Zamudio L
Giurea A, Ritschl P, Windhager R, Kaider A, Helwig U, Kotz R: The benefits of surgery in the treatment of pelvic metastases 343
Gogolewski S → Mainil-Varlet P
González-Díaz R, Rodríguez-Merchán EC, Gilbert MS: The role of shoulder fusion in the era of arthroplasty 204
Govaers K → Victor J

Page

Gracia E, Fernández A, Conchello P, Laclériga A, Paniagua L, Seral F, Amorena B: Adherence of *Staphylococcus aureus* slime-producing strain variants to biomaterials used in orthopaedic surgery 46

H

Hackenbroch MH → König DP
Hahn SB → Park HW
Halttunen T → Laitinen M
Hamada M → Ozaki T
Hartwig C-H → Willms R
Helwig U → Giurea A
Helwig U → Wurnig C
Henning R → Bruns J
Hernandez-Mercado G → Zamudio L
Hinsenkamp M → Mathieu F
Homma K → Yamaguchi T
Honkonen SE, Kannus P, Natri A, Latvala K, Järvinen MJ: Isokinetic performance of the thigh muscles after tibial plateau fractures 323
Horoszowski H → Salai M
Hurtado J → López-Durán L

I

Imura S → Baba H
Imura S → Kawahara H
Imura S → Wada M
Inoue H → Ozaki T
Ishiguro N → Miura K
Ishiuchi N → Yoshino S
Isobe K → Miura K
Iwahara T → Muramoto T
Iwata H → Miura K

J

Jahng JS → Park HW
Jalovaara P → Gao TJ
Järvinen MJ → Honkonen SE
Jia L → Dai L
Jortikka L → Laitinen M

K

Kabon B → Wurnig C
Kaider A → Giurea A
Kakinoki R, Nishijima N, Ueba Y, Oka M, Yamamuro T, Nakamura T: Nerve regeneration over a 25 mm gap in rat sciatic nerves using tubes containing blood vessels: the possibility of clinical application 332
Kakiuchi M, Abe K: Pre-incisional caudal epidural blockade and the relief of pain after lumbar spine operations... 62
Kanamori M → Matsui H
Kang CS → Yoo MC
Kannus P → Honkonen SE
Katayama N → Matsuno T
Kawahara N → Baba H
Kawahara H, Baba H, Wada M, Azuchi M, Ando M, Imura S: Multiple rib fractures associated with severe coughing – a case report 279
Kay P → Rau VV
Kim SK → Yoo MC
Kim YH → Yoo MC
Kim YS → Moon MS
Kiss J, McNally EG, Carr AJ: Measurement of the anteroposterior translation of the humeral head using MRI.... 77

Page

Kligman M → Waisman M
Kohn D, Rudert M, Wirth CJ, Plitz W, Reiss G, Maschek H: Medial meniscus replacement by a fat pad autograft. An experimental study in sheep 232
Kommonen B → Gao TJ
König DP, Rütt J, Treml O, Hackenbroch MH: Osteoarthritis and recurrences after Putti-Platt and Eden-Hybinette operations for recurrent dislocation of the shoulder 72
Korovessis P, Piperos G, Michael A, Baikousis A, Stamatakis M: Changes in bone mineral density around a stable uncemented total hip arthroplasty 30
Kotz R → Giurea A
Kuijer R → Bouwmeester SJM
Kumar A, Shair AB: An extended iliofemoral approach for total arthroplasty in late congenital dislocation of the hip: a case report 265

L

Laclériga A → Gracia E
Laitinen M, Jortikka L, Halttunen T, Nevalainen J, Aho AJ, Marttinen A, Lindholm TS: Measurement of total and local bone morphogenetic protein concentration in bone tumours 188
Lan ZY → Mathieu F
Landolt M → Mainil-Varlet P
Larsson J → Eneroth M
Latvala K → Honkonen SE
Leal V → Pons M
Leroy JM → Picard F
Leutner M → Pazzaglia UE
Limb D → Eskander MBF
Lin RM, Panjabi MM, Oxland TR: Significant roentgenographic parameters for evaluating the flexibility of acute thoraco-lumbar burst fractures 109
Linden AJ van der → Bouwmeester SJM
Lindholm TC → Gao TJ
Lindholm TS → Gao TJ
Lindholm TS → Laitinen M
López-Durán L, García-López A, Durán L, Hurtado J, Ruiz C, Rodrigo JL: Cardiopulmonary and haemodynamic changes during total hip arthroplasty 253
Luis MC de → Artime V

M

Maccauro G → Nizegorodcew T
Maheshwer CB → Parker MJ
Mainil-Varlet P, Cordey J, Landolt M, Gogolewski S: The use of resorbable augmentation device to secure plating of osteoporotic bones. An in vitro study 217
Makhson A: Extralesional resection for tumours of the pelvic bones 41
Makiyama N → Matsui H
Manubens XB → Angles FG
Maričević A, Erceg M, Gekić K: Primary wound closure in war amputations of the limbs 364
Marttinen A → Laitinen M
Maschek H → Kohn D
Mathieu F, Begaux F, Lan ZY, Suetens C, Hinsenkamp M: Clinical manifestations of Kashin-Beck disease in Nyemo Valley, Tibet 151
Matsui H, Aoki M, Kanamori M: Lateral disc herniation following percutaneous lumbar discectomy. A case report 169
Matsui H, Kanamori M, Miaki K: Expansive laminoplasty for lumbar intradural lipoma 185

Page

Matsui H, Terahata N, Makiyama N, Kanamori M: Significance of patient-controlled analgesia combined with continuous epidural block for patients with limb trauma.. 298
Matsuno T, Katayama N: Osteopetrosis and total hip arthroplasty. Report of two cases 409
Mau H → Bernd L
McNally EG → Kiss J
Medina JR → Bauduin G
Miaki K → Matsui H
Michael A → Korovessis P
Miura K, Isobe K, Ueda A, Ishiguro N, Iwata H, Nakashima I, Miura T: The immunosuppressive effect of fresh allogeneic bone graft in mice 122
Miura T → Miura K
Miyazaki T → Wada M
Montbarbon E → Picard F
Moon MS, Kim YS: Collagen fibres and mechanoreceptors in regenerated menisci of rabbits 239
Moreau PG → Sanjay BKS
Mousset B → Benoit M-A
Müller RT → Oldenburg M
Muramoto T, Atsuta Y, Iwahara T, Sato M, Takemitsu Y: The action of prostaglandin E_2 and triamcinolone acetonide on the firing activity of lumbar nerve roots 172

N

Naito M, Ogata K: Self-compressive osteotomy of the greater trochanter 119
Nakamura H → Yoshino S
Nakamura T → Kakinoki R
Nakashima I → Miura K
Natri A → Honkonen SE
Nerubay J → Salai M
Nevalainen J → Laitinen M
Nishijima N → Kakinoki R
Nizegorodcew T, Gasparini G, Maccauro G, Todesca A, De Santis E: Massive osteolysis induced by high molecular weight poly-ethylene wear debris 14
Nomiyama H → Ogata K

O

Ogata K → Naito M
Ogata K, Yasunaga M, Nomiyama H: The effect of wedged insoles on the thrust of osteoarthritic knees 308
Ogawa K, Yoshida A: Fracture of the superior border of the scapula 371
Oka M → Kakinoki R
Oldenburg M, Müller RT: The frequency prognosis and significance of nerve injuries in total hip arthroplasty 1
Otani K, Saito M, Sibasaki K: Anterior instrumentation in idiopathic scoliosis: a minimum follow-up of 10 years.... 4
Oxland TR → Lin RM
Ozaki T, Sugihara S, Hamada M, Akiyama M, Inoue H: Magnetic resonance chemical shift imaging in bone and soft tissue tumours 9

P

Pai VS: A comparison of three lateral approaches in primary total hip replacement 393
Paniagua L → Gracia E
Panjabi MM → Lin RM
Park H-J → Yoon Y-S

Page

Park HW, Jahng JS, Hahn SB, Shin DE: Lengthening of an amputation stump by the Ilizarov technique. A case report 274
Parker MJ, Maheshwer CB: The use of a hip score in assessing the results of treatment of proximal femoral fractures 262
Paronzini A → Gao TJ
Partio EK → Tuompo P
Pazzaglia UE, Andrini L, Bonato M, Leutner M: Pathology of disappearing bone disease: a case report with immunohistochemical study 303
Pazzaglia UE, Andrini L, Di Nucci A: The reaction to nailing or cementing of the femur in rats. A microangiographic and fluorescence study 267
Persson BM → Eneroth M
Pfeil J → Reiter A
Picard F, Montbarbon E, Tourne Y, Leroy JM, Saragaglia D: Manifestation pseudotumorale d'une métallose sur prothèse de hanche – à propos d'un cas 352
Piperos G → Korovessis P
Plitz W → Kohn D
Pons M, Pulido A, Leal V, Viladot R: Sepsis due to G *Streptococcus* after a total hip arthroplasty. A case report 277
Ponseti IV: Common errors in the treatment of congenital clubfoot 137
Postacchini F → Cinotti G
Pulido A → Pons M
Pütz M → Eingartner C

R

Ragni P → Gao TJ
Rah J-H → Yoon Y-S
Ramos JC → Artime V
Rau VV, Kay P, Siney PD, Wroblewski BM: Factors affecting socket fixation after cemented revision 83
Reimer M → Wallny T
Reiss G → Kohn D
Reiter A, Sabo D, Pfeil J, Cotta H: Quantitative assessment of callus distraction using dual energy X-ray absorptiometry 35
Rinn E → Simon P
Ritschl P → Giurea A
Rodrigo JL → López-Durán L
Rodríguez-Merchán EC → González-Díaz R
Roffman M → Waisman M
Rokkanen P → Tuompo P
Rudert M → Kohn D
Ruiz C → López-Durán L
Rütt J → König DP

S

Sabo D → Reiter A
Sagebiel C → Wallny T
Salai M, Nerubay J, Caspi I, Horoszowski H: Resection arthrodesis of the knee in the treatment of tumours – a long-term follow-up 101
Saito M → Otani K
Sánchez Gimeno M, Albareda Albareda J, Cardona Vernet JM, Fuentelsalz Gallego J, Fernandez JJ, Seral Iñigo F: Biomechanical study of the Grosse-Kempf femoral nail 115
Sanjay BKS, Moreau PG, Younge DA: Reimplantation of autoclaved tumour bone in limb salvage surgery 291
De Santis E → Nizegorodcew T
Saotome K → Yamaguchi T

Page

Saragaglia D → Picard F
Sato M → Muramoto T
Schatz K → Wurnig C
Scherer MA → Böhm P
Schiltenwolf M → Bernd L
Schindele S → Bernd L
Schindler OS, Briggs TWR, Gillies SA: Bilateral demyelinating neuropathy in a solitary lytic and sclerotic myeloma of the proximal humerus: a case report 59
Sell S → Willms R
Seral F → Gracia E
Seral Iñigo F → Sánchez Gimeno M
Sferopoulos NK, Anagnostopoulos D: Ectopic bone formation in a child with a head injury: complete regression after immobilisation 412
Shair AB → Kumar A
Shardlow D → Eskander MBF
Shiga H → Yoshino S
Shin DE → Park HW
Sibasaki K → Otani K
Simon P, Geraud HO, Rinn E, Aissaoui F, Babin SR: The Marchetti bundle nail for femoral shaft fractures: a review of 56 cases 318
Siney PD → Rau VV
Stamatakis M → Korovessis P
Stead D → Eskander MBF
Stone MH → Eskander MBF
Suetens C → Mathieu F
Sugihara S → Ozaki T

T

Takasita M → Torisu T
Takemitsu Y → Muramoto T
Tamai K → Yamaguchi T
Tehrany F → Zahiri CA
Terahata N → Matsui H
Termansen NB → Wedderkopp N
Todesca A → Nizegorodcew T
Tomeno B → Cottias P
Tomita K → Baba H
Torisu T, Yosida S, Takasita M: Painful snapping in rheumatoid knees 361
Tourne Y → Picard F
Treml O → König DP
Trias A: Fraud is fraud 211
Tuompo P, Arvela V, Partio EK, Rokkanen P: Osteochondritis dissecans of the knee fixed with biodegradable self-reinforced polyglycolide and polylactide rods in 24 patients 355

U

Uchida K → Baba H
Ueba Y → Kakinoki R
Ueda A → Miura K
Urist MR → Gao TJ
Urso S → Cinotti G

V

Vengust V → Fokter SK
Victor J, Bellemans J, Witvrouw E, Govaers K, Fabry G: Graft selection in anterior cruciate ligament reconstruction – prospective analysis of patellar tendon autografts compared with allografts 93
Vidigal EC → Vidigal EC Jr

Page

Vidigal EC Jr, Vidigal EC, Fernandes JL: Avascular necrosis as a complication of septic arthritis of the hip in children 389
Viladot R → Pons M
Vinh TS → Cottias P
Volkmann R → Eingartner C
Volpon JB: Idiopathic genu valgum treated by epiphyseodesis in adeolescence 228

W

Wada M → Baba H
Wada M, Imura S, Bo A, Baba H, Miyazaki T: Stress fracture of the femoral component in total knee replacement: report of 3 cases 54
Wada M → Kawahara H
Wagner UA → Wallny T
Waisman M, Kligman M, Roffman M: Posterior approach for radical excision of sacral chordoma 181
Wallny T, Sagebiel C, Westermann K, Wagner UA, Reimer M: Comparative results of bracing and interlocking nailing in the treatment of humeral shaft fractures 374
Wang C-J → Chen W-S
Wedderkopp N, Andersen-Ranberg F, Andersen MB, Termansen NB: Aseptic loosening of Boneloc® cemented hip prostheses 87
Weller S → Eingartner C
Westermann K → Wallny T
Willms R, Hartwig C-H, Böhm P, Sell S: Malignant transformation of a multiple cartilaginous exostosis – a case report 133
Windhager R → Giurea A
Wirth CJ → Kohn D
Witvrouw E → Victor J
Wroblewski BM → Rau VV
Wurnig C, Helwig U, Kabon B, Schatz K: Osteoarthosis after the Max Lange procedure for unstable shoulders 213

Page

Y

Yamaguchi T, Tamai K, Homma K, Yamato M, Saotome K: Malignant fibrous histiocytoma arising from a calcifying enchondroma – a case report 349
Yamamuro T → Kakinoki R
Yamato M → Yamaguchi T
Yasunaga M → Ogata K
Yoo MC, Kang CS, Kim YH, Kim SK: A prospective randomized study on the use of nadroparin calcium in the prophylaxis of thromboembolism in Korean patients undergoing elective total hip replacement 399
Yoon Y-S, Rah J-H, Park H-J: A prospective study of the accuracy of clinical examination evaluated by arthroscopy of the knee 223
Yoshida A → Ogawa K
Yoshino S, Nakamura H, Shiga H, Ishiuchi N: Recovery of full flexion after total knee replacement in rheumatoid arthritis – a follow-up study 98
Yosida S → Torisu T
Younge DA → Sanjay BKS

Z

Zahiri CA, Zahiri H, Tehrany F: Limb salvage in advanced chronic osteomyelitis in children 249
Zahiri H → Zahiri CA
Zamudio L, Gil-Orbezo F, Hernandez-Mercado G: An acrylic Judet hip prosthesis in a shoulder hemiarthroplasty for thirty-nine years – a case report 91
Zerroug B → Al-Zarahini S

Letters to the editor 142, 415
Book reviews 143, 282, 418

Subject index

Page

A

Acetabular cup
Isokinetic performance of the thigh after tibial plateau fractures. Honkonen SE, Kannus P, Natri A, Latvala K, Järvinen MJ 323
Acrylic arthroplasty
An acrylic Judet hip prosthesis in a shoulder hemiarthroplasty for thirty-nine years – a case report. Zamudio L, Gil-Orbezo F, Hernandez-Mercado G 91
Albendazole
Albendazole treatment and serological follow-up in hydatid disease of bone. Bonifacino R, Dogliani E, Craig PS 127
Allogenic grafts
The immunosuppressive effect of fresh allogenic bone graft in mice. Miura Y, Isobe K, Ueda A, Ishiguro N, Iwata H, Nakashima I, Miura T 122
Amputation
Improved wound healing in transtibial amputees receiving supplementary nutrition. Eneroth M, Apelqvist J, Larsson J, Persson BM 104
Primary wound closure in war amputations of the limbs Maricevic A, Erceg M, Gecic K 364
Amputation stump
Lengthening of an amputation stump by the Ilizarov technique. Park HW, Jahng JS, Hahn SB, Shin DE 274
Anterior cruciate ligament
Graft selection in anterior cruciate ligament reconstruction – prospective analysis of patellar tendon autografts compared with allografts. Victor J, Bellemans J, Witvrouw E, Govaers K 93
Anterior cruciate ligament reconstruction by mini-arthrotomy. Al-Zahrani S, Franceschi J-P, Coste J, Al-Sebai W, Marshad M 161
Antibiotic-loaded implants
Antibiotic-loaded plaster of Paris implants coated with polylactide-co-glycolide as a controlled release delivery system for the treatment of bone infections. Benoit MA, Mousset B, Delloye C, Bouillet R, Gillard J 403
Approaches surgical
A comparison of three lateral approaches in primary total hip replacement. Pai VS 393
Arthritis
Tuberculous arthritis of the elbow joint. Chen W-S, Wang C-J, Eng H-L 367
Arthrodesis
Resection arthrodesis of the knee in the treatment of tumours. Salai M, Nerubay J, Caspi I, Horoszowski H 101
The role of shoulder fusion in the era of arthroplasty. Gonzaléz-Días R, Rodríguez-Mérchan EC, Gilbert MS 204

Page

Arthrolysis
Arthrolysis of the shoulder for ruptures of the rotator cuff. Bruns J, Henning R, Behrens P 157
Arthroplasty
An acrylic Judet hip prosthesis in a shoulder hemiarthroplasty for thirty-nine years – a case report. Zamudio L, Gil-Orbezo F, Hernandez-Mercado G 91
Aseptic loosening of Boneloc cemented hip prostheses. Wedderkopp N, Andersen-Ranberg F, Andersen MB, Termansen NB 87
Cardiopulmonary and hemodynamic changes during total hip arthroplasty. Lopez-Duran L, Garcia-Lopez A, Duran L, Hurtado J, Ruiz C, Rodrigo JL 253
Changes in bone mineral density around stable uncemented total hip arthroplasty. Korovessis P, Piperos G, Michael A, Baikousis A, Stamatakis M 30
Fracture of the neck of a femoral component in a total hip arthroplasty. Artime V, Ramos JC, Fernandez JM, Aguilera L 56
Frequency, prognosis and significance of nerve injuries in total hip arthroplasty. Oldenburg M, Müller RT 1
Isokinetic performance of the thigh after tibial plateau fractures. Honkonen SE, Kannus P, Natri A, Latvala K, Järvinen MJ 323
Manifestation pseudo-tumorale d'une métallose sur prothèse de Hanche – à propos d'un cas. Picard F, Leroy JM, Montbarbon E, Tourne Y, Saragaglia D 352
Massive osteolysis induced by ultra-high molecular weight polyethylene wear debris. Nizegorodcew T, Gasparini G, Maccauro G, Todesca A, de Santis E 14
Osteoporosis and total hip arthroplasty. Report of two cases. Matsuno T, Katayama N 409
Prospective randomized study on the use of nadroparin calcium in the prophylaxis of thromboembolism in Korean patients undergoing elective total hip replacement. Yoo MC, Kang CS, Kim YH, Kim SK 399
Recovery of full flexion after total knee replacement in rheumatoid arthritis – a follow-up study. Yoshino S, Nakamura H, Shiga H, Ishiuchi N 98
Self-compressive osteotomy of the greater trochanter. Naito M, Ogata K 119
Sepsis due to group G Streptococcus after a total hip arthroplasty. Pons M, Pulido MA, Leal Viladot R 274
Arthroscopy
A prospective study of the accuracy of clinical examination evaluated by arthroscopy of the knee. Yoon YS, Rah RG, Park HJ 223
Autoclaved bone
Incorporation of devitalised autografts in dogs. Böhm P, Scherer MA 283
Reimplantation of autoclaved tumor bone in limb salvage surgery. Sanjay BKS, Moreau PG, Younge DA 291
Autograft
Medial meniscus replacement by a fat pad autograft. Khon D, Rudert M, Wirth CJ, Plitz W, Reiss G, Maschek H 232

Page

Autologous cartilage grafts
Long-term results of rib perichondrial graft for repair of cartilage defects in the human knee. Bouwmeester SJM, Beckers JMH, Kuijer R, van der Linden AJ, Bulstra SK 313
Avascular necrosis
Avascular necrosis as a complication of septic arthritis of the hip in children. Vidigal EC Jr, Vidigal EC, Fernandes JL..... 389

B

Back pain
Surgical technique for lengthening primary tight hamstring muscles. Angles FG, Manubens XB, Angles FC..... 52
Biodegradable rods
Osteochondritis dissecans of the knee fixed with biodegradable self-reinforced polyglycolide and polylactide rods in 24 patients. Tuompo P, Arvela V, Partio EK, Rokkanen P 355
Blood vessels
Nerve regeneration over a 25-mm gap in rat sciatic nerves using tubes containing blood vessels. Kakinoki R, Nishijima N, Ueba Y, Oka M, Yamamuro T, Nakamura T..... 332
Bone
Incorporation of devitalised autografts in dogs. Böhm P, Scherer MA 283
Measurement of total and local bone morphogenetic protein concentrations in bone tumors. Laitinen M, Jortikka L, Halttunen T, Nevalainen J, Aho AJ, Marttinen A, Lindholm TS..... 188
The immunosuppressive effect of fresh allogenic bone graft in mice. Miura Y, Isobe K, Ueda A, Ishiguro N, Iwata H, Nakashima I, Miura T 122
Bone density
Changes in bone mineral density around stable uncemented total hip arthroplasty. Korovessis P, Piperos G, Michael A, Baikousis A, Stamatakis M..... 30
Bone implant
The use of a coral composite implant containing bone morphogenetic protein to repair a segmental tibial defect in sheep. Gao TJ, Lindholm TS, Kommonen B, Ragni P, Paronzini A, Lindholm T, Jalovarra P, Urist R 194
Bone morphogenetic protein
Measurement of total and local bone morphogenetic protein concentrations in bone tumors. Laitinen M, Jortikka L, Halttunen T, Nevalainen J, Aho AJ, Marttinen A, Lindholm TS..... 188
The use of a coral composite implant containing bone morphogenetic protein to repair a segmental tibial defect in sheep. Gao TJ, Lindholm TS, Kommonen B, Ragni P, Paronzini A, Lindholm T, Jalovarra P, Urist R..... 194
Bone tumours
Magnetic resonance chemical shift imaging in bone and soft tissue tumours. Ozaki T, Hamada M, Sugihara S, Ono A, Kawai A, Inoue H 9
Measurement of total and local bone morphogenetic protein concentrations in bone tumors. Laitinen M, Jortikka L, Halttunen T, Nevalainen J, Aho AJ, Marttinen A, Lindholm TS..... 188

Page

C

Callus formation
Quantitative assessment of callus distraction using dual-energy X-ray absorptiometry (DEXA9). Reiter A, Sabo D, Pfeil J, Cotta H..... 35
Stress fracture of the total knee-femoral component. Wada M, Imura S, Bo A, Baba H, Miyazaki T..... 54
Carpus
Measurement of total and local bone morphogenetic protein concentrations in bone tumors. Laitinen M, Jortikka L, Halttunen T, Nevalainen J, Aho AJ, Marttinen A, Lindholm TS..... 188
CDH
An extended iliofemoral approach for total arthroplasty in late congenital dislocation of the hip: a case report. Kumar A, Shair A 265
Cement reaction
The reaction to nailing or cementing of the femur in rats. A microangiographic and fluorescence study. Pazzaglia UE, Andrini L, Di Nucci A..... 267
Cemented socket
Factors affecting socket fixation after cemented revision. Raut VV, Kay P, Siney PD, Wroblewski BM..... 83
Cemented THA
Aseptic loosening of Boneloc cemented hip prostheses. Wedderkopp N, Andersen-Ranberg F, Andersen MB, Termansen NB..... 87
Central cord injury
Acute central cervical cord injury presenting with only upper extremity involvement. Dai L, Jia L..... 380
Cervical spine
Acute central cervical cord injury presenting with only upper extremity involvement. Dai L, Jia L..... 380
Children
Avascular necrosis as a complication of septic arthritis of the hip in children. Vidigal EC Jr, Vidigal EC, Fernandes JL..... 389
Ectopic bone formation in a child with a head injury: complete regression after immobilisation. Sferopoulos NK, Anagnostopoulos D..... 417
Limb salvage in advanced chronic osteomyelitis in children. Zahiri H, Tehrany F, Zahiri CA 249
Chordoma
Posterior approach for radical excision of sacral chordoma. Waisman M, Kligman M, Roffman M..... 181
Chronic osteomyelitis
Collagen fibres and mechanoreceptors in regenerated menisci of rabbits. Moon MS, Kim YS..... 239
Clubfoot
Common errors in the treatment of congenital clubfoot. Ponseti IV 137
Continuous epidural analgesia
Significance of patient-controlled analgesia combined with continuous epidural block for patients with limb trauma. Matsui H, Terahata N, Makiyama N, Kanamori M 298
Cord injury
Acute central cervical cord injury presenting with only upper extremity involvement. Dai L, Jia L..... 380

Page

D

Degenerative spondylolisthesis
Predisposing factors in degenerative spondylolisthesis. A radiographic and CT study. Cinotti G, Postacchini F, Fassari F, Urso S 337
Disappearing bone disease
Pathology of disappearing bone disease. Pazzaglia UE, Andrini L, Bonato M, Leutner M 303
Distraction
Quantitative assessment of callus distraction using dual-energy X-ray absorptiometry (DEXA9). Reiter A, Sabo D, Pfeil J, Cotta H 35

E

Echynococcosis
Albendazole treatment and serological follow-up in hydatid disease of bone. Bonifacino R, Dogliani E, Craig PS 127
Ectopic bone
Ectopic bone formation in a child with a head injury: complete regression after immobilisation. Sferopoulos NK, Anagnostopoulos D 417
Eden-Hybbinette
Osteoarthritis and redislocation following Putti-Platt and Eden-Hybbinette operation. König DP, Rütt J, Tremi O, Hackenbroch MH 72
Editorial
Fraud is fraud. Trias A 211
Ejaculation retrograde
Retrograde ejaculation after retroperitoneal lower lumbar interbody fusion. Christensen FB, Bünger CE 176
Elbow
Tuberculous arthritis of the elbow joint. Chen W-S, Wang C-J, Eng H-L 367
Embolism
Prospective randomized study on the use of nadroparin calcium in the prophylaxis of thromboembolism in Korean patients undergoing elective total hip replacement. Yoo MC, Kang CS, Kim YH, Kim SK 399
Enchondroma
Malignant fibrous histocytoma arising from a calcifying enchondroma – a case report. Yamaguchi T, Tamai K, Honma K, Yamato M, Saotome K 349
Epidural block
Pre-incisional caudal epidural blockade and the relief of pain after lumbar spine operations. Kakiuchi M, Abe K 62
Epiphysiodesis
Idiopathic genu valgum treated by epiphysiodesis in adolescence. Volpon JB 228

F

Femur
The Marchetti bundle nail for femoral shaft fractures. A review of 56 cases. Simon P, Geraud HO, Rinn E, Aissaoui F, Babin SR 318
The reaction to nailing or cementing of the femur in rats. A microangiographic and fluorescence study. Pazzaglia UE, Andrini L, Di Nucci A 267

Page

Fibrous histiocytoma
Malignant fibrous histocytoma arising from a calcifying enchondroma – a case report. Yamaguchi T, Tamai K, Honma K, Yamato M, Saotome K 349
Foot
The effect of wedged insoles of the thrust of osteoarthritic knees. Ogata K, Yasunaga M, Nomiyama H 308
The tarsal tunnel syndrome: evaluation of results using multivariate analysis. Baba H, Wada M, Annen S, Azuchi M, Imura S, Tomita K 67
Fractures
Biomechanical study of the Grosse-Kempf femoral nail. Sánchez Gimeno M, Albareda J, Cardona Vernet JM, Fuentesalz Gallego J, Fernandez JJ, Seral Inigo F 115
Fracture of the superior border of the scapula.
Ogawa K, Yoshida A 371
Isokinetic performance of the thigh after tibial plateau fractures. Honkonen SE, Kannus P, Natri A, Latvala K, Järvinen MJ 323
Multiple rib fractures associated with severe coughing – a case report. Kawahara H, Baba H, Wada M, Azuchi M, Ando M, Imura S 279
Quantitative assessment of callus distraction using dual-energy X-ray absorptiometry (DEXA9). Reiter A, Sabo D, Pfeil J, Cotta H 35
Significant radiographic parameters for evaluating the flexibility of acute thoracolumbar burst fractures. Lin RM, Panjabi MM, Oxland TR 109
Stress fracture of the total knee-femoral component. Wada M, Imura S, Bo A, Baba H, Miyazaki T 54
The Marchetti bundle nail for femoral shaft fractures. A review of 56 cases. Simon P, Geraud HO, Rinn E, Aissaoui F, Babin SR 318
Function rating
The use of a hip score in assessing the results of treatment of proximal femoral fractures. Parker MJ, Maheshwer CB 262

G

Genu valgum
Idiopathic genu valgum treated by epiphysiodesis in adolescence. Volpon JB 228
Gorham's disease
Pathology of disappearing bone disease. Pazzaglia UE, Andrini L, Bonato M, Leutner M 303
Greater trochanter
Self-compressive osteotomy of the greater trochanter. Naito M, Ogata K 119
Grosse Kempf nail
Biomechanical study of the Grosse-Kempf femoral nail. Sánchez Gimeno M, Albareda J, Cardona Vernet JM, Fuentesalz Gallego J, Fernandez JJ, Seral Inigo F 115

H

Hamstring muscles
Surgical technique for lengthening primary tight hamstring muscles. Angles FG, Manubens XB, Angles FC 52

Page

Head injury
Ectopic bone formation in a child with a head injury: complete regression after immobilisation. Sferopoulos NK, Anagnostopoulos D 417
Hemodynamic changes
Cardiopulmonary and hemodynamic changes during total hip arthroplasty. Lopez-Duran L, Garcia-Lopez A, Duran L, Hurtado J, Ruiz C, Rodrigo JL 253
Hip
A comparison of three lateral approaches in primary total hip replacement. Pai VS 393
An extended iliofemoral approach for total arthroplasty in late congenital dislocation of the hip: a case report. Kumar A, Shair AB 265
Aseptic loosening of Boneloc cemented hip prostheses. Wedderkopp N, Andersen-Ranberg F, Andersen MB, Termansen NB 87
Avascular necrosis as a complication of septic arthritis of the hip in children. Vidigal EC Jr, Vidigal EC, Fernandes JL 389
Cardiopulmonary and hemodynamic changes during total hip arthroplasty. Lopez-Duran L, Garcia-Lopez A, Duran L, Hurtado J, Ruiz C, Rodrigo JL 253
Cementless revision stem for biological osteosynthesis in periprosthetic femur fractures. Eingartner C, Volkmann R, Pütz M, Weller S 25
Changes in bone mineral density around stable uncemented total hip arthroplasty. Korovessis P, Piperos G, Michael A, Baikousis A, Stamatakis M 30
Displaced subcapital fracture of the hip in transient osteoporosis of pregnancy – a case report. Fokter SK, Vengust V 201
Factors affecting socket fixation after cemented revision. Raut VV, Kay P, Siney PD, Wroblewski BM 83
Fracture of the neck of a femoral component in a total hip arthroplasty. Artime V, Ramos JC, Fernandez JM, Aguilera L 56
Frequency, prognosis and significance of nerve injuries in total hip arthroplasty. Oldenburg M, Müller RT 1
Isokinetic performance of the thigh after tibial plateau fractures. Honkonen SE, Kannus P, Natri A, Latvala K, Järvinen MJ 323
Manifestation pseudo-tumorale d'une métallose sur prothèse de Hanche – à propos d'un cas. Picard F, Leroy JM, Montbarbon E, Tourne Y, Saragaglia D 352
Massive osteolysis induced by ultra-high molecular weight polyethylene wear debris. Nizegorodcew T, Gasparini G, Maccauro G, Todesca A, de Santis E. 14
Osteoporosis and total hip arthroplasty. Report of two cases. Matsuno T, Katayama N 409
Prospective randomized study on the use of nadroparin calcium in the prophylaxis of thromboembolism in Korean patients undergoing elective total hip replacement. Yoo MC, Kang CS, Kim YH, Kim SK 399
Self-compressive osteotomy of the greater trochanter. Naito M, Ogata K 119
Sepsis due to group G Streptococcus after a total hip arthroplasty. Pons M, Pulido MA, Leal V, Viladot R 274
Hip fracture
Displaced subcapital fracture of the hip in transient osteoporosis of pregnancy – a case report. Fokter SK, Vengust V 201

Page

The use of a hip score in assessing the results of treatment of proximal femoral fractures. Parker MJ, Maheshwer CB 262
Humerus
Bilateral demyelinating neuropathy in a solitary lytic/sclerotic myeloma of the proximal humerus. Schindler OS, Briggs WR, Gillies SA 59
Comparative results of bracing and interlocking nailing for treatment of humeral shaft fractures. Wallny T, Sagebiel C, Westermann K, Wagner UA, Reimer M 374

I

Iliofemoral approach
An extended iliofemoral approach for total arthroplasty in late congenital dislocation of the hip: a case report. Kumar A, Shair AB 265
Ilizarov
Lengthening of an amputation stump by the Ilizarov technique. Park HW, Jahng JS, Hahn SB, Shin DE 274
Implant
Fracture of the neck of a femoral component in a total hip arthroplasty. Artime V, Ramos JC, Fernandez JM, Aguilera L 56
The use of a resorbable augmentation device to secure plating of osteoporotic bones. An in vitro study. Mainil-Varlet P, Cordey J, Landolt M, Gogolewski S 217
Infection
Adherence of Staphylococcus aureus slime-producing strain variants to biomaterials used in orthopaedic surgery, quantified by the firefly ATP-bioluminescence method. Gracia A, Fernandez A, Conchello P, Lacleriga A, Paniagua L, Seral F, Amorena B 46
Sepsis due to group G Streptococcus after a total hip arthroplasty. Pons M, Pulido MA, Leal V, Viladot R 274
Insole
The effect of wedged insoles of the thrust of osteoarthritic knees. Ogata K, Yasunaga M, Nomiyama H 308
Instability
Measurements of the anteroposterior translation of the humeral head using MRI. Kiss J, McNally EG, Carr AJ 77
Osteoarthrosis after the Max Lange procedure for unstable shoulders. Wurning C, Helwig U, Kabon B, Schatz K 213
Instrumentation
Anterior instrumentation in idiopathic scoliosis. Minimum 10-year follow-up. Otani K, Saito M, Sibasaki K 4
Intramedullary nail
Comparative results of bracing and interlocking nailing for treatment of humeral shaft fractures. Wallny T, Sagebiel C, Westermann K, Wagner UA, Reimer M 374
Intramedullary nail femur
Biomechanical study of the Grosse-Kempf femoral nail. Sánchez Gimeno M, Albareda J, Cardona Vernet JM, Fuentesalz Gallego J, Fernandez JJ, Seral Inigo F 115

Page

K

Kashin Beck disease
Clinical manifestations of Kashin-Beck disease in Nyemo Valley, Tibet. Mathieu F, Begaux, F, Lan ZY, Suetens C, Hinsenkamp M 151
Knee
Painful snapping in rheumatoid knees. Torisu T, Yosida S, Takasita M 361
A prospective study of the accuracy of clinical examination evaluated by arthroscopy of the knee. Yoon YS, Rah RG, Park HJ 223
Graft selection in anterior cruciate ligament reconstruction – prospective analysis of patellar tendon autografts compared with allografts. Victor J, Bellemans J, Witvrouw E, Govaers K 93
Isokinetic performance of the thigh after tibial plateau fractures. Honkonen SE, Kannus P, Natri A, Latvala K, Järvinen MJ 323
Long-term results of rib perichondrial graft for repair of cartilage defects in the human knee. Bouwmeester SJM, Beckers JMH, Kuijer R, van der Linden AJ, Bulstra SK 313
Medial meniscus replacement by a fat pad autograft. Khon D, Rudert M, Wirth CJ, Plitz W, Reiss G, Maschek H 232
Osteochondritis dissecans of the knee fixed with biodegradable self-reinforced polyglycolide and polylactide rods in 24 patients. Tuompo P, Arvela V, Partio EK, Rokkanen P 355
Recovery of full flexion after total knee replacement in rheumatoid arthritis – a follow-up study. Yoshino S, Nakamura H, Shiga H, Ishiuchi N 98
Resection arthrodesis of the knee in the treatment of tumours. Salai M, Nerubay J, Caspi I, Horoszowski H 101
The effect of wedged insoles of the thrust of osteoarthritic knees. Ogata K, Yasunaga M, Nomiyama H 308

L

Laminoplasty
Expansive laminoplasty for lumbar intradural lipoma. Matsui H, Kanamori M, Miaki K 185
Lateral disc hernia
Lateral disc herniation following percutaneous lumbar discectomy. Matsui H, Aoki M, Kanamori M 169
Lea Plaza frame
Idiopathic scoliosis instrumentation using the Lea Plaza sublaminar frame. A preliminary report. Bauduin G, Damas A, Medina JR, Dorantes F 383
Lengthening
Lengthening of an amputation stump by the Ilizarov technique. Park HW, Jahng JS, Hahn SB, Shin DE 274
Letter to the editor
Abduction contracture of the Deltoid muscle in children. Shanmugasundaram TK 415
Observer variation in the radiographic classification of femoral neck fractures, Thomsen NOB 416
Severe kyphotic deformity in tuberculosis of the spine. Moon M-S 417
Ligamentoplasty
Anterior cruciate ligament reconstruction by mini-arthrotomy. Al-Zahrani S, Franceschi J-P, Coste J, Al-Sebai W, Marshad M 161
Limb salvage
Collagen fibres and mechanoreceptors in regenerated menisci of rabbits. Moon MS, Kim YS 239
Lipoma intradural
Expansive laminoplasty for lumbar intradural lipoma. Matsui H, Kanamori M, Miaki K 185
Loosening
Aseptic loosening of Boneloc cemented hip prostheses. Wedderkopp N, Andersen-Ranberg F, Andersen MB, Termansen NB 87
Lumbar
Expansive laminoplasty for lumbar intradural lipoma. Matsui H, Kanamori M, Miaki K 185
Lumbar disc
Lateral disc herniation following percutaneous lumbar discectomy. Matsui H, Aoki M, Kanamori M 69

M

Malignant transformation
Malignant transformation of a multiple cartilaginous exostosis – a case report. Willms R, Hartwig CH, Böhm P, Sell S 133
Marchetti nail
The Marchetti bundle nail for femoral shaft fractures. A review of 56 cases. Simon P, Geraud HO, Rinn E, Aissaoui F, Babin SR 318
Max Lange procedure
Osteoarthrosis after the Max Lange procedure for unstable shoulders. Wurning C, Helwig U, Kabon B, Schatz K 213
Meniscal regeneration
Collagen fibres and mechanoreceptors in regenerated menisci of rabbits. Moon MS, Kim YS 239
Meniscus
Collagen fibres and mechanoreceptors in regenerated menisci of rabbits. Moon MS, Kim YS 239
Medial meniscus replacement by a fat pad autograft. Khon D, Rudert M, Wirth CJ, Plitz W, Reiss G, Maschek H 232
Metallosis
Manifestation pseudo-tumorale d'une métallose sur prothèse de Hanche – à propos d'un cas. Picard F, Leroy JM, Montbarbon E, Tourne Y, Saragaglia D 352
Metastases
The benefits of surgery in the treatment of pelvic metastases. Giurea A, Ritschl P, Windhager R, Kaider A, Helwig U, Kotz R 343
Morphogenetic protein
Measurement of total and local bone morphogenetic protein concentrations in bone tumors. Laitinen M, Jortikka L, Halttunen T, Nevalainen J, Aho AJ, Marttinen A, Lindholm TS 188
MRI
Magnetic resonance chemical shift imaging in bone and soft tissue tumours. Ozaki T, Hamada M, Sugihara S, Ono A, Kawai A, Inoue H 9
Measurements of the anteroposterior translation of the humeral head using MRI. Kiss J, McNally EG, Carr AJ 77

Page

Muscle
Isokinetic performance of the thigh after tibial plateau fractures. Honkonen SE, Kannus P, Natri A, Latvala K, Järvinen MJ 323
Myeloma
Bilateral demyelinating neuropathy in a solitary lytic/sclerotic myeloma of the proximal humerus. Schindler OS, Briggs WR, Gillies SA 59

N

Nailing
The reaction to nailing or cementing of the femur in rats. A microangiographic and fluorescence study. Pazzaglia UE, Andrini L, Di Nucci A..... 267
Nerve injury
Frequency, prognosis and significance of nerve injuries in total hip arthroplasty. Oldenburg M, Müller RT..... 1
Nerve regeneration
Nerve regeneration over a 25-mm gap in rat sciatic nerves using tubes containing blood vessels. Kakinoki R, Nishijima N, Ueba Y, Oka M, Yamamuro T, Nakamura T 332
Nerve root
The action of prostaglandin E2 and triamcinolone acetonide on the firing activity of lumbar nerve roots. Muramato T, Atsuta Y, Iwahara T, Sato M, Takemitsu Y 172
Neuropathy
Bilateral demyelinating neuropathy in a solitary lytic/sclerotic myeloma of the proximal humerus. Schindler OS, Briggs WR, Gillies SA 59
Nutrition
Improved wound healing in transtibial amputees receiving supplementary nutrition. Eneroth M, Apelqvist J, Larsson J, Persson BM 104

O

Orthesis
Comparative results of bracing and interlocking nailing for treatment of humeral shaft fractures. Wallny T, Sagebiel C, Westermann K, Wagner UA, Reimer M 374
Osteochondritis dissecans
Osteochondritis dissecans of the knee fixed with biodegradable self-reinforced polyglycolide and polylactide rods in 24 patients. Tuompo P, Arvela V, Partio EK, Rokkanen P 355
Osteochondritis
Long-term results of rib perichondrial graft for repair of cartilage defects in the human knee. Bouwmeester SJM, Beckers JMH, Kuijer R, van der Linden AJ, Bulstra SK..... 313
Osteochondroma
Malignant transformation of a multiple cartilaginous exostosis – a case report. Willms R, Hartwig CH, Böhm P, Sell S..... 133
Osteolysis
Massive osteolysis induced by ultra-high molecular weight polyethylene wear debris. Nizegorodcew T, Gasparini G, Maccauro G, Todesca A, de Santis E 14

Page

Osteomyelitis
Antibiotic-loaded plaster of Paris implants coated with polylactide-co-glycolide as a controlled release delivery system for the treatment of bone infections. Benoit MA, Mousset B, Delloye C, Bouillet R, Gillard J 403
Osteoporosis
Osteoporosis and total hip arthroplasty. Report of two cases. Matsuno T, Katayama N..... 409
The use of a resorbable augmentation device to secure plating of osteoporotic bones. An in vitro study. Mainil-Varlet P, Cordey J, Landolt M, Gogolewski S..... 217

P

Pain
Pre-incisional caudal epidural blockade and the relief of pain after lumbar spine operations. Kakiuchi M, Abe K..... 62
Palmoplantar pustulosis
Vertebral lesions associated with palmoplantar pustulosis. Baba H, Uchida K, Wada M, Imura S, Kawahara N, Tomita K 19
Pelvis
Extralesional resection for tumours of the pelvic bones. Makhson A..... 41
The benefits of surgery in the treatment of pelvic metastases. Giurea A, Ritschl P, Windhager R, Kaider A, Helwig U, Kotz R 343
Percutaneous discectolumbar disc
No indications for percutaneous lumbar discectomy? Bernd L, Schiltenwolf M, Mau H, Schindele A..... 164
Periprosthetic fracture femur
Cementless revision stem for biological osteosynthesis in periprosthetic femur fractures. Eingartner C, Volkmann R, Pütz M, Weller S 25
Phlebitis
Sequential mechanical and pharmacological thromboprophylaxis in the surgery of hip fractures. Eskander MBF, Limb D, Stone MH, Furlong AJ, Shardlow D, Stead D, Culleton G 259
Polyethylene
Massive osteolysis induced by ultra-high molecular weight polyethylene wear debris. Nizegorodcew T, Gasparini G, Maccauro G, Todesca A, de Santis E..... 14
Primary wound closure
Primary wound closure in war amputations of the limbs. Maricevic A, Erceg M, Gecic K 364
Prophylaxis
Prospective randomized study on the use of nadroparin calcium in the prophylaxis of thromboembolism in Korean patients undergoing elective total hip replacement. Yoo MC, Kang CS, Kim YH, Kim SK..... 399
Prostaglandin
The action of prostaglandin E2 and triamcinolone acetonide on the firing activity of lumbar nerve roots. Muramato T, Atsuta Y, Iwahara T, Sato M, Takemitsu Y 172
Proximal carpectomy
Measurement of total and local bone morphogenetic protein concentrations in bone tumors. Laitinen M, Jortikka L, Halttunen T, Nevalainen J, Aho AJ, Marttinen A, Lindholm TS..... 188

Page

Putti Platt
Osteoarthritis and redislocation following Putti-Platt and Eden-Hybbinette operation. König DP, Rütt J, Tremi O, Hackenbroch MH 72

R

Resorbable implants
The use of a resorbable augmentation device to secure plating of osteoporotic bones. An in vitro study. Main-il-Varlet P, Cordey J, Landolt M, Gogolewski S..... 217
Revision arthroplasty
Cementless revision stem for biological osteosynthesis in periprosthetic femur fractures. Eingartner C, Volkmann R, Pütz M, Weller S 25
Factors affecting socket fixation after cemented revision. Raut VV, Kay P, Siney PD, Wroblewski BM..... 83
Rheumatoid arthritis
Painful snapping in rheumatoid knees. Torisu T, Yosida S, Takasita M 361
Recovery of full flexion after total knee replacement in rheumatoid arthritis – a follow-up study. Yoshino S, Nakamura H, Shiga H, Ishiuchi N..... 98
Rib
Multiple rib fractures associated with severe coughing – a case report. Kawahara H, Baba H, Wada M, Azuchi M, Ando M, Imura S 279
Rotator cuff
Arthrolysis of the shoulder for ruptures of the rotator cuff. Bruns J, Henning R, Behrens P 157

S

Sacrum
Posterior approach for radical excision of sacral chordoma. Waisman M, Kligman M, Roffman M..... 181
Salvage surgery
Reimplantation of autoclaved tumor bone in limb salvage surgery. Sanjay BKS, Moreau PG, Younge DA 291
Scapula
Fracture of the superior border of the scapula. Ogawa K, Yoshida A 371
Scoliosis
Anterior instrumentation in idiopathic scoliosis. Minimum 10-year follow-up. Otani K, Saito M, Sibasaki K..... 4
Idiopathic scoliosis instrumentation using the Lea Plaza sublaminar frame. A preliminary report. Bauduin G, Damas A, Medina JR, Dorantes F 383
Septic arthritis
Avascular necrosis as a complication of septic arthritis of the hip in children. Vidigal EC Jr, Vidigal EC, Fernandes JL..... 389
Shoulder
An acrylic Judet hip prosthesis in a shoulder hemiarthroplasty for thirty-nine years – a case report. Zamudio L, Gil-Orbezo F, Hernandez-Mercado G 91
Arthrolysis of the shoulder for ruptures of the rotator cuff. Bruns J, Henning R, Behrens P 157
Fracture of the superior border of the scapula. Ogawa K, Yoshida A 371
Measurements of the anteroposterior translation of the humeral head using MRI. Kiss J, McNally EG, Carr AJ 77

Page

Osteoarthritis and redislocation following Putti-Platt and Eden-Hybbinette operation. König DP, Rütt J, Tremi O, Hackenbroch MH 72
Osteoarthrosis after the Max Lange procedure for unstable shoulders. Wurning C, Helwig U, Kabon B, Schatz K..... 213
The role of shoulder fusion in the era of arthroplasty. Gonzaléz-Días R, Rodríguez-Mérchan EC, Gilbert MS..... 204
Soft tissue tumours
Magnetic resonance chemical shift imaging in bone and soft tissue tumours. Ozaki T, Hamada M, Sugihara S, Ono A, Kawai A, Inoue H 9
Spinal fusion
Retrograde ejaculation after retroperitoneal lower lumbar interbody fusion. Christensen FB, Bünger CE..... 176
Spine
Predisposing factors in degenerative spondylolisthesis. A radiographic and CT study. Cinotti G, Postacchini F, Fassari F, Urso S..... 337
Pre-incisional caudal epidural blockade and the relief of pain after lumbar spine operations. Kakiuchi M, Abe K..... 62
Retrograde ejaculation after retroperitoneal lower lumbar interbody fusion. Christensen FB, Bünger CE..... 176
Significant radiographic parameters for evaluating the flexibility of acute thoracolumbar burst fractures. Lin RM, Panjabi MM, Oxland TR..... 109
The action of prostaglandin E2 and triamcinolone acetonide on the firing activity of lumbar nerve roots. Muramato T, Atsuta Y, Iwahara T, Sato M, Takemitsu Y..... 172
Vertebral lesions associated with palmoplantar pustulosis. Baba H, Uchida K, Wada M, Imura S, Kawahara N, Tomita K 19
Spondylolisthesis
Predisposing factors in degenerative spondylolisthesis. A radiographic and CT study. Cinotti G, Postacchini F, Fassari F, Urso S..... 337
Staphylococcus aureus implants
Adherence of *Staphylococcus aureus* slime-producing strain variants to biomaterials used in orthopaedic surgery, quantified by the firefly ATP-bioluminescence method. Gracia A, Fernandez A, Conchello P, Lacleriga A, Paniagua L, Seral F, Amorena B 46
Stress fracture
Fracture of the neck of a femoral component in a total hip arthroplasty. Artime V, Ramos JC, Fernandez JM, Aguilera L..... 56
Stress fracture of the total knee-femoral component. Wada M, Imura S, Bo A, Baba H, Miyazaki T..... 54
Subacute osteomyelitis
Subacute osteomyelitis presenting as a bone tumor. Cottias P, Tomeno B, Anract P, Vinh YS, Forest M..... 243
Subtalar dislocation
Subtalar dislocations. Rodriguez-Merchan EC 142

T

Tarsal tunnel syndrome
The tarsal tunnel syndrome: evaluation of results using multivariate analysis. Baba H, Wada M, Annen S, Azuchi M, Imura S, Tomita K..... 67

Tendon allografts
Graft selection in anterior cruciate ligament reconstruction – prospective analysis of patellar tendon autografts compared with allografts. Victor J, Bellemans J, Witvrouw E, Govaers K 93
Tendon lengthening
Surgical technique for lengthening primary tight hamstring muscles. Angles FG, Manubens XB, Angles FC 52
THA
Factors affecting socket fixation after cemented revision. Raut VV, Kay P, Siney PD, Wroblewski BM 83
Threaded cup
Isokinetic performance of the thigh after tibial plateau fractures. Honkonen SE, Kannus P, Natri A, Latvala K, Järvinen MJ 323
Thromboprophylaxis
Sequential mechanical and pharmacological thromboprophylaxis in the surgery of hip fractures. Eskander MBF, Limb D, Stone MH, Furlong AJ, Shardlow D, Stead D, Culleton G 259
Tibia
Isokinetic performance of the thigh after tibial plateau fractures. Honkonen SE, Kannus P, Natri A, Latvala K, Järvinen MJ 323
Transient osteoporosis
Displaced subcapital fracture of the hip in transient osteoporosis of pregnancy – a case report. Fokter SK, Vengust V 201
Trauma
Significance of patient-controlled analgesia combined with continuous epidural block for patients with limb trauma. Matsui H, Terahata N, Makiyama N, Kanamori M 298
Triamcinolone
The action of prostaglandin E2 and triamcinolone acetonide on the firing activity of lumbar nerve roots. Muramato T, Atsuta Y, Iwahara T, Sato M, Takemitsu Y 172
Tuberculosis
Tuberculous arthritis of the elbow joint. Chen W-S, Wang C-J, Eng H-L 367
Tumours
Extralesional resection for tumours of the pelvic bones. Makhson A 41
Reimplantation of autoclaved tumor bone in limb salvage surgery. Sanjay BKS, Moreau PG, Younge DA 291
The benefits of surgery in the treatment of pelvic metastases. Giurea A, Ritschl P, Windhager R, Kaider A, Helwig U, Kotz R 343

U

Uncemented THA
Changes in bone mineral density around stable uncemented total hip arthroplasty. Korovessis P, Piperos G, Michael A, Baikousis A, Stamatakis M 30

W

War wounds
Primary wound closure in war amputations of the limbs. Maricevic A, Erceg M, Gecic K 364
Wound healing
Improved wound healing in transtibial amputees receiving supplementary nutrition. Eneroth M, Apelqvist J, Larsson J, Persson BM 104